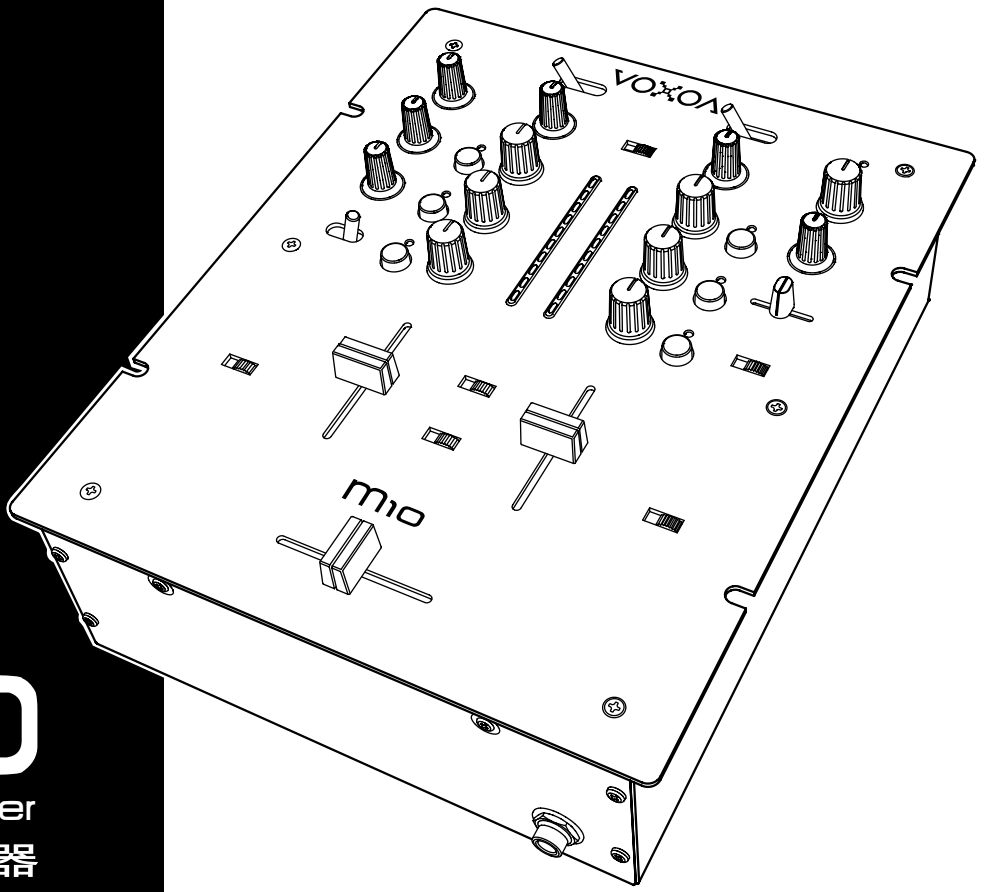
VOXOA



M10

2-Channel Mixer
双通道混音器

User Manual
使用说明书

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重要安全指示

1. **阅读说明书 -** 操作本产品前应先阅读所有安全性及操作说明。
2. **保留说明书 -** 安全性及操作说明应妥善保存供未来参考用。
3. **留心警告 -** 所有在本产品及操作说明上的警告都要遵守。
4. **参照说明书 -** 需参照所有操作及使用说明。
5. **水和湿气 -** 在操作本产品时绝对不要靠近水-例如靠近浴缸、脸盆、洗碗槽、洗衣盆、游泳池、及在潮湿地下室等等。禁止将装有异体的容器，例如花瓶，酒瓶等至于本产品上。
6. **移动平台及固定台面 -** 本产品只能使用在制造商所建议的移动平台及固定台面。本产品与移动平台的组合在移动时应特别注意。突然地停止，过大的外力及不平衡的表面，都会造成本产品在移动平台上翻覆。

7. **墙壁或天花板架置 -** 本产品应只参照制造商所建议的方式来架置在墙壁或天花板上。
8. **高温 -** 本产品应远离热气来源，例如散热器、暖器、火炉或者其他会产生高温的用品(包含扩大机)。
9. **电源 -** 本产品只能照电压标签所示来操作。如果你不确定你住家的电源的种类，请谘询你的产品卖家或当地电力公司。若本产品需要用电池或其他电源，请参照操作说明书。
10. **接地与电极 -** 本产品可能供给极化交流电插头。插头只有一个方向插入插座。这是一个安全装置，如果没办法完全插入插座，请试著把插头反方向。如果插头仍无法插入插座，请连络电工来更换插座，请勿毁损安全性为考量的插头。
11. **电源线的保护 -** 电源供应线应该妥善规划布线的路径，避免被其他物件所缠绕。应特别注意所使用的插座是否与电源供应线的插头吻合，这插座要靠近本产品的使用地点。
12. **清洁 -** 本产品须依照制造商所建议的方式做清洁。清洁本产品应使用柔软的乾布清洁。
13. **交流电供电零件 -** 维修完成后在交还产品给使用者前，应使用电阻测量表测量交流电插头及所有暴露在外的金属零件，电阻值应大于100k欧姆。
14. **长时间未使用 -** 本产品在长时间未使用的状况下，应将插头拔除。
15. **物体及液体进入 -** 小心不要让物体掉入及液体流进本产品里。
16. **损坏需求服务 -** 当A.电源线或插头已经毁损；或B.异物或液体掉进本产品；或C.本产品暴露在雨中；或D.操作或功能不正常；或E.本产品被摔落或内部损坏时，应送回合格的服务人员处进行维修。
17. **售后服务 -** 除了操作说明书所提到的正常操作外，使用者不应进行其他不当操作或试图自行维修。当本产品有问题时应请教合格的维修服务人员或送回合格的维修站进行维修服务。

重要安全指示

18. **保持本产品在空气流通的环境中 -** 本产品上的散热孔提供流通的空气，以避免本产品在操作时产生过热的现象。这些为保持本产品空气流通的散热孔严禁被阻隔或被其他物品覆盖。特别是较柔软的表面，例如床，沙发及地毯等等。本产品不应被安装在内建的空间内，例如书橱及架子，除非能够依制造产商所规范的空气流通指示建构。
19. **连接安装 -** 请勿安装非本产品制造商所建议的连接器材，以避免本产品遭受损害。
20. **配件 -** 请勿将本产品放置在不稳定的移动推车，三角架，支撑架或桌子上。本产品可能会掉落因而使小孩或是成人受伤，并且本产品会受到严重的损害。只能使用制造商所建议的移动推车，三角架，支撑架或桌子，或是与本产品一起销售的配件。必须依制造商指示安装本产品，并且安装的配件必须使用制造商所建议的。
21. **闪电 -** 为保护本产品在风雨期间不受到闪电的影响及侵害，当本产品长时间不使用时将插头拔除，并拆除天线。这将保护本产品免于受到闪电及电源突然增加的损害。
22. **替换零件 -** 当需要替换零件时，请确保维修技术人员使用制造商所指定的零件或是与原零件具有相同特性的替代品。未经授权的替代零件会导致过热著火，电磁冲击或其他严重的损害。
23. **安全性检查 -** 本产品在进行维修或任何服务时，请要求维修服务人员进行安全性检查，以确保本产品在正确地操作状况下。

警 告
严禁本产品暴露在下雨及潮湿的环境之中，以降低起火及触电的危险。本产品避免暴露在会滴水及会溅到水的环境中。装有液体的容器绝对禁止放在本产品上，例如酒瓶，花瓶等等。

注意:严禁打开机盖以降低触电的风险。维修及更换零件请谘询维修中心合格的维修工程师。

三角形中有个箭头的闪电标志是为了警告在产品内部因未绝缘而可能产生的高压电，这高压电会造成触电的危险。

三角形中有个惊叹号是为了提醒使用者重要的操作及维护指示。

注 意
为了杜绝触电的危险，请勿使用不合规格的插座。应使用插头能够完全插入插座的插孔。

产品特色

主要特色

每通道均有三段等化器与高质量推子

每个通道均有增益控制，三波段的的等化器，可针对高频，中频与低频，分别调整。并且使用60mm高质量的通道推子。

麦克风具独立EQ 与人声衰减(TALK OVER)功能

麦克风输入具有2-Band 等化器，可独立调整高频与低频。另外有人声衰减(TALK OVER)的功能，当麦克风使用时，TALK OVER功能会自行运作，所有来自麦克风以外的声音均会自动降低音量。

高品质的交叉推子及曲线切换

高品质的交叉推子，提供绝佳的操作手感。并提供两种不同的交叉推子线性曲线切换，可依你使用的需求做不同的切换。

推子启动(FADER START)功能

推子启动的功能可以大幅提升DJ在接歌上的准确性与效率，当M10与相容的CD播放机相连接时，就可轻松使用推子启动的功能。M10的推子启动可相容VOXOA的CD播放机。

通道推子反转 (REVERSE)功能

通道推子(Crossfader)具反转(REVERSE)功能的切换开关，可依你的使用习惯，切换通道推子控制变换的方向。

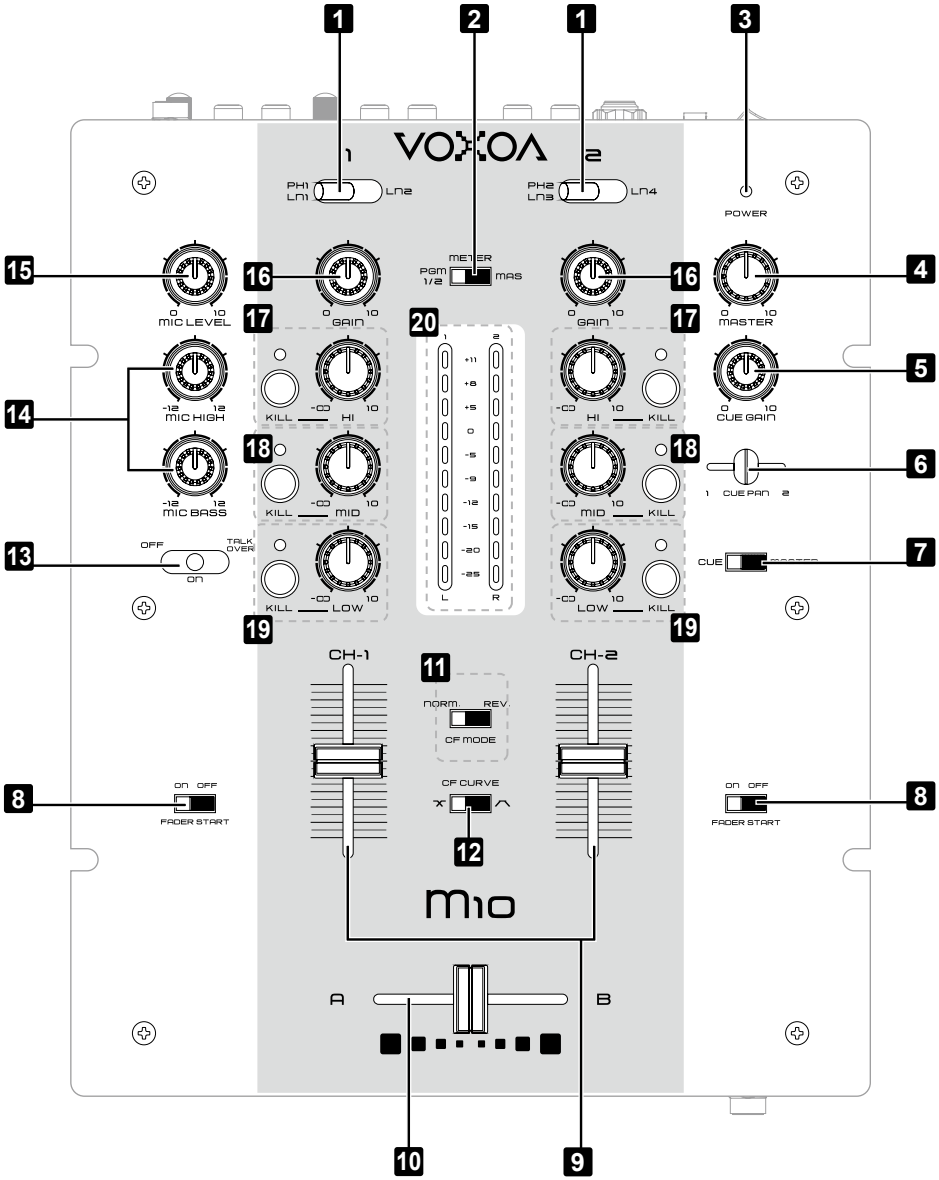
产品特色

功能与特色

- 双通道桌上型混音器
- 输入: Line x 4 (RCA), Phono x 2 (RCA), 麦克风 x 1 (6.3mm x1)
- 输出: 非平衡式 (RCA) x1，录音(RCA) x1，推子启动控制x2 (3.5mm)
- 每个通道都有三波段等化器与Kill功能
- 麦克风拥有独立的音量、高低波段等化器调整
- 麦克风拥有人声衰减 (TALK OVER)功能
- 高品质可替换交叉推子有两种线性曲线可切换
- 交叉推子启动功能可相容于VOXOA的CD/MP3播放器
- 通道推子具有可反转切换功能
- 小型的交叉推子可调整通道1与通道2的监听比例
- 10颗LED 电平指示 x 2 (可选择显示 通道1/2 或 主输出)

部件名称与功能

操控面板



部件名称与功能

1. 输入音源选择开关

用来选择每一通道输入的音源选择，每个通道，每次只能选择一种输入音源。

2. PGM/Master 切换开关

可切换调整电平指示器的显示模式，当切换到”Master”时，电平指示器显示主输出的左右声道电平指示。当切换到”PGM”时，电平指示器的左边显示通道1的电平指示，右边显示通道2的电平指示。

3. 电源指示灯

用来指示电源开启的状态

4. 主输出控制 (MASTER)

此旋钮用来控制主要输出的大小。

注 意 : **为了避免过大的音量而造成喇叭的损害，当要启动本混音器时，请先确定调整主输出音量控制到0的位置。**

5. Cue增益控制 (CUE GAIN)

用来调整监听耳机的输出电平。

6. Cue 监听移动推子 (CUE PAN)

透过监听耳机，可预先听到通道1及通道2的声音，将推子移到最左边时完全为通道1的声音，将推子移到最右边时完全为通道2的声音，当旋钮置中时为通道1及通道2的混音。

7. 监听耳机Cue模式切换开关

用来切换选择输出到监听耳机的模式，切换到主要输出 MASTER，监听耳机听到的是主要输出，切换到CUE，监听耳机听到的是CUE的输出。CUE的输出是由Cue 监听移动推子 CUE PAN **6** 所控制。

8. 推子启动开关(FADER START)

此开关用来启动或关闭推子起动的功能。当连接相容的音乐播放机此功能才有作用。当使用相容的音乐播放机时，你可以透过交叉推子(Crossfader)来启动播放或是暂停播放。

9. 通道推子 (CHANNEL FADER)

分别调整通道1及通道2的输入音量。

10. 交叉推子(CROSSFADER)

此推子是用来混合通道输出讯号A与B，当推子至于最左边的位置时，输出讯号A的音量由主音量来控制。同样的功能也适用于通道输出讯号B。当推子由左至右(或由右至左)推动时，将分别改变A与B输出讯号的强弱，当推子至于中间时，A与B输出的强度是平衡的。

11. 通道推子(CHANNEL FADER) 模式切换开关

此开关切换到颠倒REVERSE时，通道1与2的音量调整控制，由原来的推子往上是增益，往下是衰减，切换成推子往上是衰减，往下是增益。

12. 交叉推子曲线 (CROSSFADER CURVE) 切换开关

提供2种不同的交叉推子曲线，利用此切换开关做不同的切换。

13. 麦克风 开启/关闭/人声遮蔽 (TALK OVER) 切换开关

设定控制麦克风的开启与关闭，当开关位置置于人声遮蔽 (TALK OVER)的位置时，原本音乐的音量会自动降低到14dB左右。

14. 麦克风高(HIGH)/低音(BASS) 等化调整

此两个旋钮分别调整麦克风输入的高音(HIGH)与低音(BASS)部分，可调整范围从-12dB 到 12dB。

15. 麦克风音量(LEVEL)调整

调整麦克风音量大小。

16. 输入增益 (GAIN)调整旋钮

用来调整每一通道输入增益的大小，不要用来当作输出音量的调整。为确保输出音声的品质，请设定调整输入增益在适当的位置。

17. 通道等化器高音范围(HI)调整旋钮

用来调整每一通道的高音范围频率 (含KILL的功能)。可调整范围由 -∞ 到+10dB。

18. 通道等化器中音范围(MID)调整旋钮

用来调整每一通道的中音范围频率 (含KILL的功能)。可调整范围由 -∞ 到+10dB。

19. 通道等化器低音范围(LOW)调整旋钮

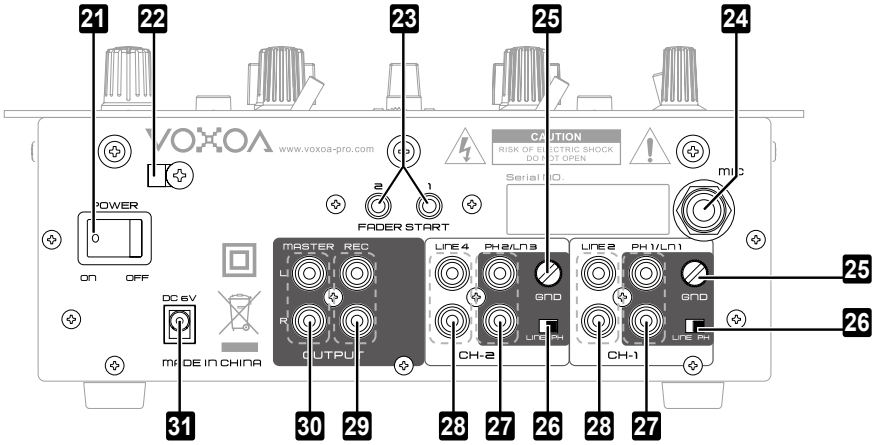
用来调整每一通道的低音范围频率 (含KILL的功能)。可调整范围由 -∞ 到+10dB。

20. 电平指示器

双排的LED指示灯显示主要输出(MASTER)的电平，也可做PGM1/2的显示切换。

部件名称与功能

后背板



21. 电源开关

用来控制主要电源的开启与关闭。

注 意 : 先完成混音器所有的连接安装，再打开电源开关，另外必须确认功率放大器是关闭的状态。

注 意 : 为了避免损害喇叭，混音器必须最先开启及最后关闭。

22. 电源线固定器

用来固定电源线，以防电源线不慎脱落。

23. 推子启动(FADER START)控制连接插口

这个插口用来控制”推子起动”的功能。使用3.5mm MONO的插头来连接相容的CD播放机与混音器。交叉推子的左边 **1** 控制通道1的”推子启动”， 交叉推子的右边 **2** 控制通道2的”推子启动”。进一步了解有关如何使用”推子启动”请参照你所使用的相容CD播放机的说明书”。

24. 麦克风(MIC)插口

可插入标准的1/4英吋 (6.3mm) 麦克风插头。

25. 接地端子(GND)

连接唱盘机时，务必将唱盘机的接地线与此接地端子连接，因为可减低唱针头所造成的哼声及杂讯。

26. LINE/PHONO 选择切换开关

此开关用来切换改变LINE/PH (PHONO) 输入插口 **27** 的输入模式。当连接唱盘时，此开关必须切换到” PH (PHONO)”的位置，当连接线性设备时，此开关必须切换到” LINE”的位置。

注 意 : 在切换改变LINE/PH 选择切换开关前，请先确定主电源是关闭的状态。

27. PH/LINE 输入插口

装备有MM读取唱针的唱盘(所有DJ唱盘机均使用MM读取唱针)可透过此插口连接，在音源选择切换开关 **1**，必须切换到左边”PH/LN”的位置，同时LINE/PHONO 选择切换开关 **26** 必须切换到 “PH” 的位置。CD播放机，卡带播放机及其他线性等级的乐器连接此插座，必须切换开关 **26** 在“LINE”的位置时，才能使用。输入音量可经由输入增益 (GAIN)调整旋钮 **16** 所控制。

28. 线性(LINE)输入插口

这组插口是用来连接线性输入所使用，可以连接CD播放机或是卡带播放机。输入的输入增益 (GAIN)调整旋钮 **16** 所控制。连接时，输入音源选择切换开关 **1** 必须切换到线性” LN”的位置。

29. 录音输出 (REC OUTPUT)

这是一个低电流非平衡式的输出，是专为外接的录音设备所设计，输出音量的控制是藉由每个通道的通道推子 (CHANNEL FADER) **9** 所控制，不受主输出控制 (MASTER) **4** 所影响。

30. 非平衡式主音量输出插口 (MASTER OUTPUT)

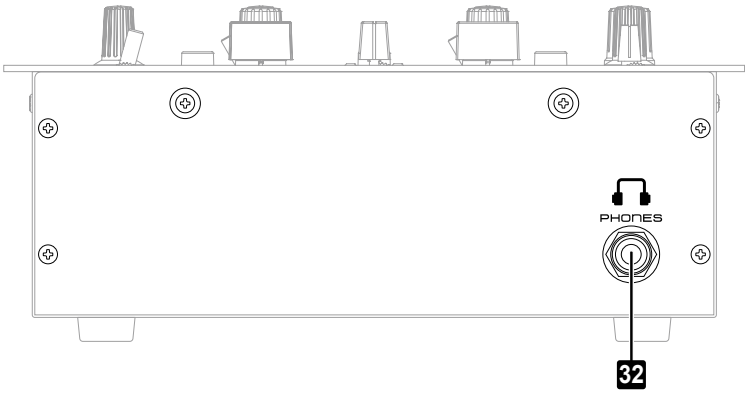
此插口送出一组低电流非平衡式的输出讯号。这组插口建议只能使用在较短的连接线或是串接到另一台混音器。

31. 直流电源插口

使用随机器所附的变压器，连接电源插座与混音器。关闭电源开关，先将变压器插入混音器电源插口，再将变压器插入电源插座。

注 意 : **混音器的设计只能搭配随机器所附的变压器，使用不相容的变压器会造成机器损害。**

前面板



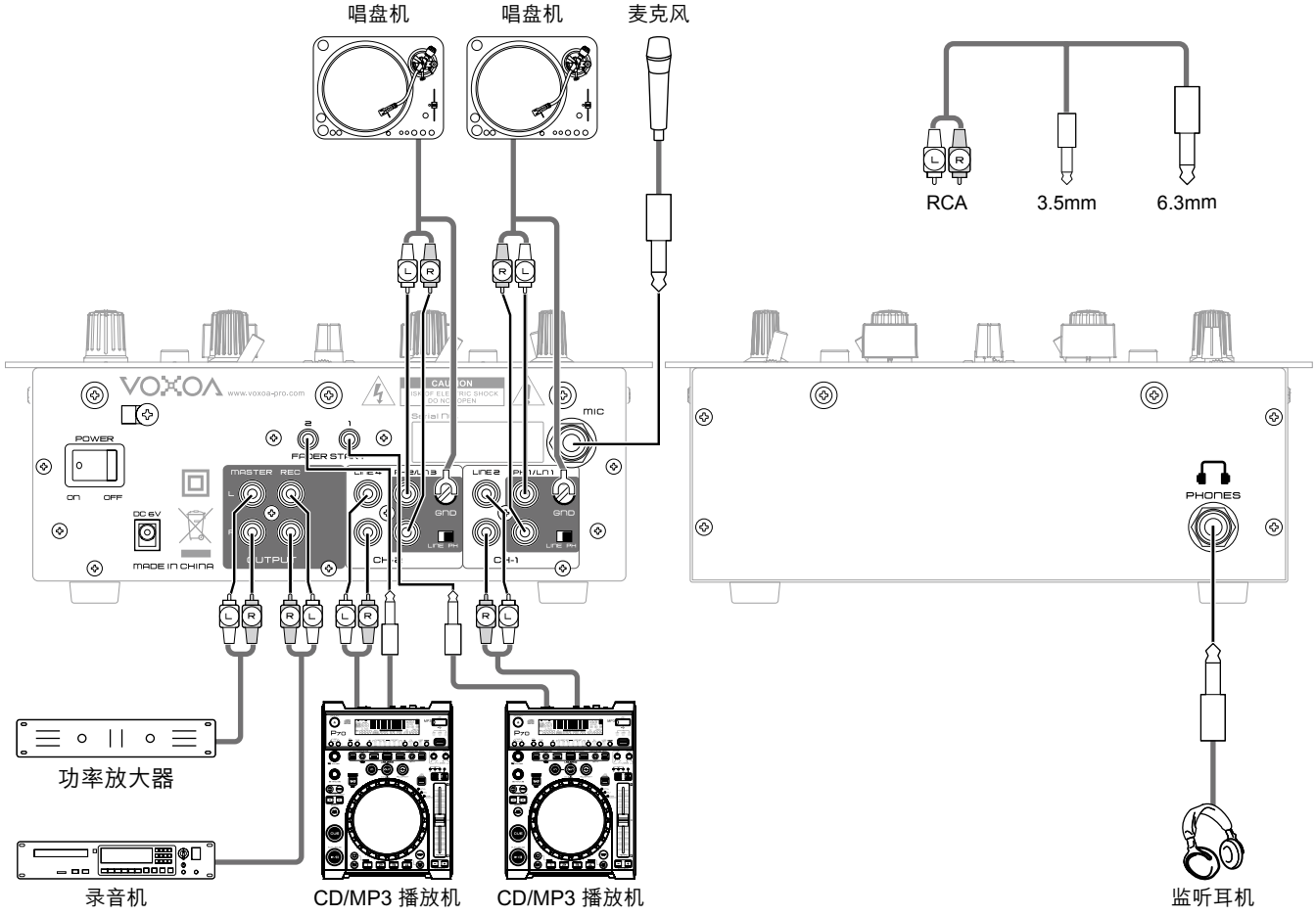
32. 监听耳机插口

用来连接监听耳机与混音器。

连 接 方 式

1. 进行连接时，请确保电源关闭。当连接完成时才可将电源打开。
2. 不同品质的连接线会较大程度地影响声音的保真度及效果。请使用高品质的音讯线。
3. 请勿使用很长的线缆。确保所有插头与插口都已插紧。连接未插紧会导致嗡嗡声，杂音或时断时续的情况产生，可能导致扬声器的损坏。
4. 连接所有输入音源。连接麦克风及监听耳机。确保所有推子都位在“零”的位置，且设备必须在关闭状态。每次仅连接一根连接线，且在连接时注意M10及其他外部设备的左（L）声道右（R）声道位置。
5. 将音讯输出端与功率放大器和/ 或卡座及/或MD 答录机与/ 或CD 答录机等等，依照所示连接图相连。

注 意：每次都应先打开各种音讯输入源，如CD 播放机，然后打开您的混音器，最后是各功率放大器。关闭时按相反的顺序进行，先是关闭功率放大器，然后混音器，最后为输入装置。



规 格

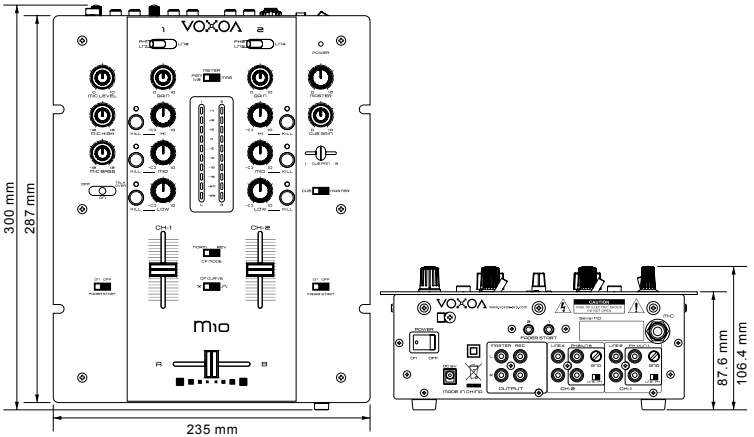
1. 总体规格说明

电源：
DC 6V, 2000mA

耗电量：
12 Watts

尺寸：
235 (W) x 287 (D) x 106.4 (H)mm

重量：
3.09 kg



2. 输入/输出 阻抗及敏感度：(主输出 0dBV，负载=100K OHM，最大增益，等化平坦)

线性：	10K OHM /-14dBV (200mV) +/-2dB
唱盘机插口：	47K OHM /-50dBV (3.16mV) +/-2dB
麦克风：	1.5K OHM /-54dBV (2mV) +/-2dB
主要输出：	1K OHM
监听耳机 (load=32 ohm)：	33 OHM /0dBV (1V) +/-2dB

3. 频率回应：(主输出，等化平坦)

线性：	20 - 20KHz +/- 2dB.
唱盘机插口：	20 - 20KHz +2/-3dB (RIAA)
麦克风：	20 - 20KHz +2/-3dB

4. 总谐波失真加杂讯：(主输出 0dBV，最大增益，w/ 20kHz LPF)

线性：	小于 0.05% 20 - 20KHz
唱盘机插口：	小于0.1% 20 - 20KHz (IEC-A WTD)
麦克风：	小于0.2% 20 - 20KHz (IEC-A WTD)
监听耳机：	小于0.1% 20 - 20KHz (FROM LINE INPUT)

5. 最大输入：(1KHz，主输出，THD=1%，等化平坦，最大增益)

线性：	大于+4dBV
唱盘机插口：	大于-32dBV
麦克风：	大于-42dBV

规 格

6. 最大输出：(THD=1%，最大增益，等化平坦)

主要输出：大于+18dBV (8.0V) at load=100K OHM
监听耳机：大于+4dBV (1.6V) at load=32 OHM
录音：最大主输出 -10+/- 2dB. at load=100K OHM

7. 信噪比：(最大增益，主输出 0dBV，等化平坦，W/ 20 KHz LPF，A-WEIGHTED)

线性:小于-80dBV
唱盘机插口:小于-70dBV
麦克风:小于-60dBV

8. 串音干扰：(FROM 主输出，A-WEIGHTED)

线性,唱盘机插口:大于65dB AT 1K Hz BETWEEN L AND R.
大于65dB AT 1KHz BETWEEN CHANNELS.

9. 麦克风人声遮蔽：

-14dB+/- 2dB.

10. 等化器：

麦克风：

HI:	12 +/- 2dB AT 10KHz
	-12 +/- 2dB AT 10KHz
LOW:	12 +/- 2dB AT 100Hz
	-12 +/- 2dB AT 100Hz

通道：

HI:	10 +/- 2dB AT 16KHz
	-21 +/- 3dB AT 16KHz
MID:	10 +/- 2dB AT 1KHz
	-22 +/- 3dB AT 1KHz
LOW:	10 +/- 2dB AT 60Hz
	-22 +/- 3dB AT 60Hz

KILL：

HI:	-21 +/- 3dB AT 16KHz
MID:	-22 +/- 3dB AT 1KHz
LOW:	-22 +/- 3dB AT 60Hz

11. 推子最大衰减 FADER MAXIMUM ATTENUATION：

通道推子：小于-70dB at 1KHz
交叉推子：小于-75dB at 1KHz

12. 通道平衡CHANNEL BALANCE：

Within 3dB

注意：本手册中的规格及资讯如有变更，恕不另行通知，请上网下载最新版本。

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding- type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/ accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lighting storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. When the mains plug or appliance coupler used as the disconnect device, it shall remain readily operable.
16. Please keep the unit in a good ventilation environment.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION : To reduce the risk of electric shock, do not remove any cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.

The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the use to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.

CAUTION

To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

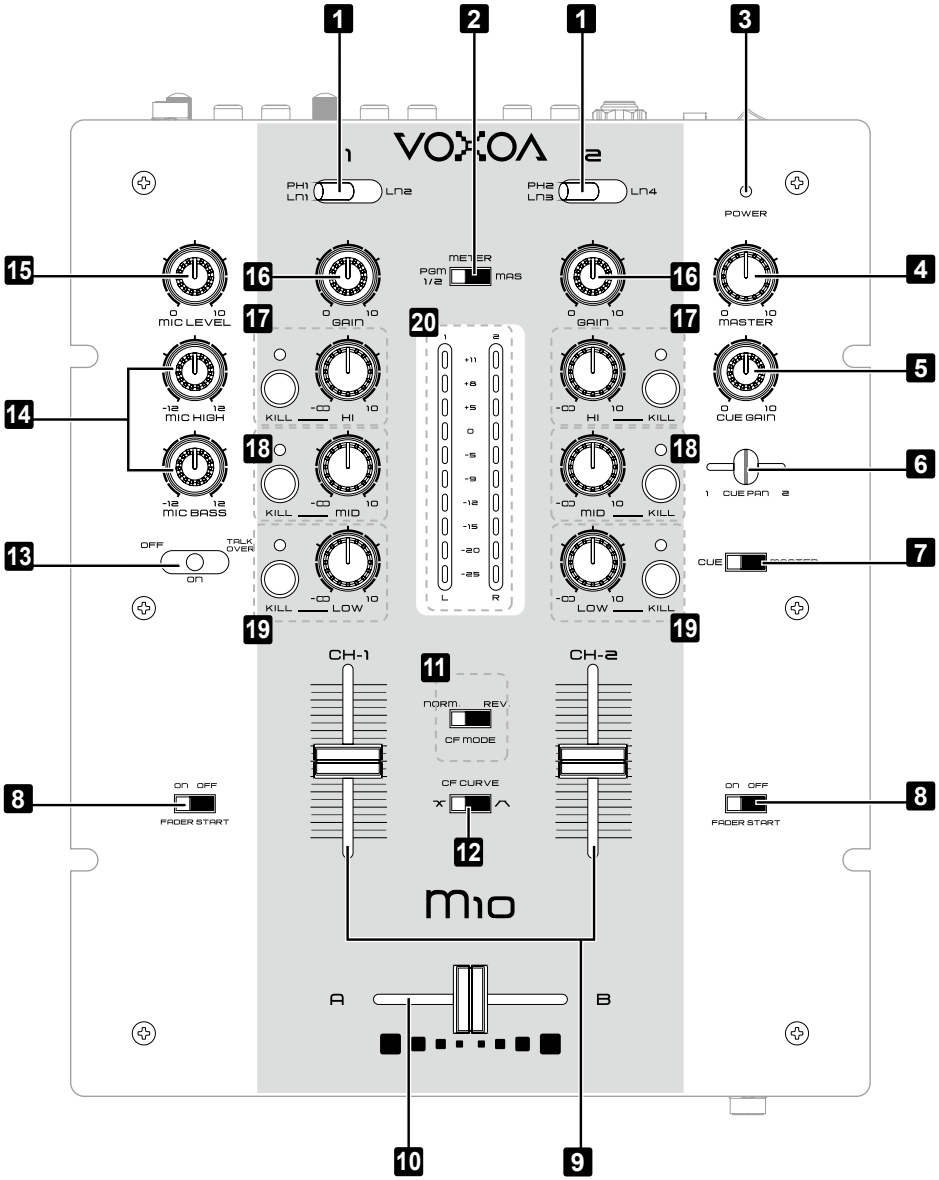
17. All warnings on the appliance and in the operating instructions should be adhered to.
18. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
19 .Power Sources - This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer the operating instructions.
20. Grounding or Polarization - This product may be equipped with a polarized alternation-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
21. Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the appliance.
22. For AC line powered units - Before returning repaired unit to user, use an ohm-meter to measure from both AC plug blades to all exposed metallic parts. The resistance should be more than 100,000 ohms.
23. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
24. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
25. Damage Requiring Service - The appliance should be serviced by qualified service personnel when: A. The power-supply cord or the plug has been damaged; or B. Objects have fallen, or liquid has been spilled into the appliance; or C. The appliance has been exposed to rain; or D. The appliance does not appear to operate normally or exhibits a marked change in performance; or E. The appliance has been dropped, or the enclosure damaged.
26. Servicing - The user should not attempt any service to the appliance beyond that that described in the operating instructions. All other servicing should be referred to qualified service personnel.
27. Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
28. Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
29. Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

PRODUCT FEATURES

- 2-Channel Tabletop Mixer
- Input: Line x 4 (RCA), Phono x 2(RCA), MIC x 1 (6.3mm x1)
- Output: Unbalanced (RCA) x1, Record (RCA) x1, Fader Start Control Out x 2 (3.5mm)
- Three-band EQ with Full output kill for each channel
- 2-band equalizer for microphone
- Talk over for microphone
- Long life replaceable crossfader with 2 curve Setting
- Crossfader Start compatible with VOXOA CD/MP3 Player
- High quality channel fader with reversible function
- Crossfader style cueing control
- Dual 10 LED monitor display (selectable PGM 1/2 or Master output)

PART NAMES AND FUNCTIONS

OPERATION PANEL



PART NAMES AND FUNCTIONS

1. Source input selector switch

These switches are used to select the input source assigned to each channel. Each channel may only be assigned one input source at a time.

2. PGM/Master switch

The position of this switch will determine the level meter mode. In the “Master” position, the meter will detail the out level of the left and right channels. In the “PGM” position, the left side of the meter will indicate monaural level of the PGM.

3. Power indicator

To indicate the power is on.

4. Master volume control

This rotary knob is used to control the master output level (main volume).

CAUTION : To avoid speaker damage that may be caused by excessive volume, be sure this adjustment is always set to zero before turning the unit on.

5. Cue level

This knob is used to adjust the headphone output level.

6. Cue pan fader

Used to preview channel audio to your headphones. This mini fader used to mix between Channel 1 and 2 in the headphones. When all the way to the left, only Channel 1 will be heard. When all the way right, only Channel 2 will be heard.

7. Cue mode switch

Selects the audio that is sent to the headphones. Switch it to “MASTER” to hear the Program mix. Switch it to “CUE” to hear Channels 1 and 2 in the Cue channel. Cue channel is controed by Cue Pan fader **6** .

8. Fader strat switch

This function works in conjunction with a compatible player. When used with a compatible player, you can use the crossfader to start and stop a player with the mixer’s crossfader. The switch switches the FADER START feature on and off. If this function is activated, the FADER START automatically returns the player to the preset cue point.

9. Channel fader

Adjusts the volume for Channel 1 and Channel 2.

10. Crosserfader

This fader is used to blend the output signals of channels A and B together. When the fader is in the full left position (channel A), the output signal of channel A will be controlled by the master volume level. The same fundamentals will apply for channel B. Sliding the fader from one position to another will vary the output signals of channels A and B respectively. When the crossfader is set in the center position, the output signals of both the channels A and channels B will be even.

11. Channel fader (CF) mode switch

Reverses the direction of Channels fader.

12. Crossfader curve switch

Used to select the 2 different rising curve patterns for the crossfader function.

13. MIC ON/OFF/TALKOVER switch

To set mic on and off, when switch at the talkover position, the mic on, the sound level for everything other than mic will decrease to around 14 dB.

14. MIC HIGH / BASS EQ

These knobs are used to adjust the high (or bass) levels of the microphone with a maximum signal gain of 12dB or maximum signal decrease of -12dB. Turning the knob in a counterclockwise direction will decrease the amount of high (or bass) applied to the microphone signal, turning the knob in a clockwise direction will increase the amount of high (or bass) applied to microphone signal.

15. MIC level

Adjusts microphone level.

16. Input gain control knob

These knobs are used to adjust the audio source signal input gain for a channel. Never use the gain control to adjust a channels output volume. Setting the gain level properly will ensure a clean output signal.

17. Channel equalizer high-range (HI) adjust knob

Use to adjust the high-range frequence sound for each channel (includes kill function). Adjustable range: -∞ to +10dB.

18. Channel equalizer mid-range (MID) adjust knob

Use to adjust the mid-range frequence sound for each channel (includes kill function). Adjustable range: -∞ to +10dB.

19. Channel equalizer low-range (LOW) adjust knob

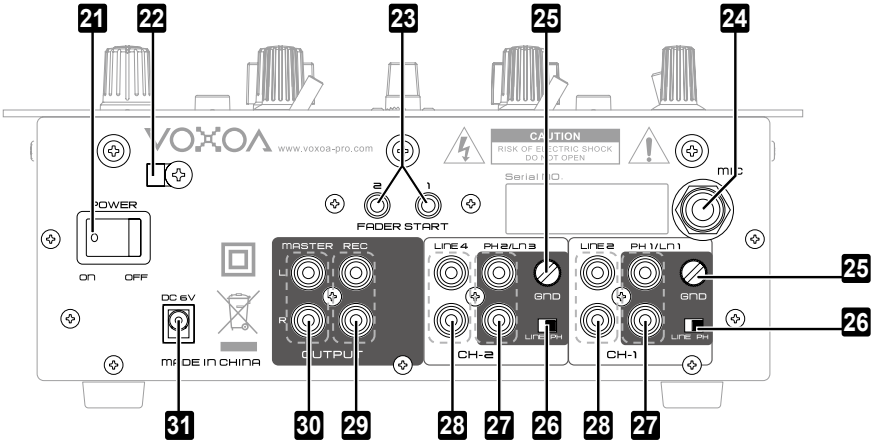
Use to adjust the low-range frequence sound for each channel (includes kill function). Adjustable range: -∞ to +10dB.

20. Level meter

The dual LED's indicators are used to detail either the master output level, a combination of the master output level or the PGM 1/2 monaural level.

PART NAMES AND FUNCTIONS

REAR PANEL



21. Power switch

Turn this unit power ON/OFF.

CAUTION : **Before you turn the power on be sure you have made all connections to the mixer. Also be sure you amplifiers are turned off.**

CAUTION : **Remember to avoid damaging pops to the speakers, the mixer is turned on first and turned off last.**

22. Power cord fastener

To fasten the power cord to avoide unpluging the cord by accident.

23. Fader start sontrol jack

This jack is used to control the “FADER START” function between the mixer and a compatible Player. Using the mini plug included with your player, connect from the player controller out jack to this jack. CH-A “FADER START” functionality will be controlled by the left side (A) of the CROSSFADER. CH-B “FADER START” functionality will be controlled by the right side (B) of the CROSSFADER. For more information on “FADER START” functionality refer to the user manual included with your player. Be sure to only use the mono tip mini plug included with your player to avoid damage to the mixer and/or the player.

24. Mic input jack

This jack will accept a standard 1/4” (6.3mm) male plug.

25. GND (GROUND TERMINAL)

Be sure to connect turntable ground leads to either or both of the two available ground terminals. This will reduce the humming and popping noises associated with magnetic phono cartridges.

26. LINE/PH (Phono) selector switches

These switches are used to change the mode of phono input jacks **27** . When connecting turntable to these jacks be sure the switch is in the PH (phono) position, and when using line level input devices select LINE.

27. Phone/Line input jacks

The type of input must directly reflect the selected mode of the SOURCE SELECT SWITCH **1** . Turntables equipped with MM pickup cartridge (All DJ turntable use MM pickup cartridges) may be connected to these jacks as long as the SOURCE SELECT SWITCH(1) is in the left side "PH/LN" position and the LINE/PH selector switches **26** is in the "PH" position. CD players, Tape Decks and other line level instruments may only be connected to these jacks as long as the LINE/PH selector switches **26** is in the "LINE" position. Input volume will be controlled by the Input gain control knob **16** .

28. Line input jacks

These Jacks are used for line level inputs. Connect CD players or Tape Decks to line level inputs. Input volume will be controlled by the input gain control knob **16**. The channel Source input selector switch **1** must be in the "LN (Line)" position, to monitor any source connected to these jacks.

29. Rec output

This is a low current unbalanced output source designed for various tape and CD recorders. The Record Out (REC OUT) level is dictated by the Channel fader **9** , it is not influenced by the MASTER VOLUME CONTROL **4** .

30. Master output

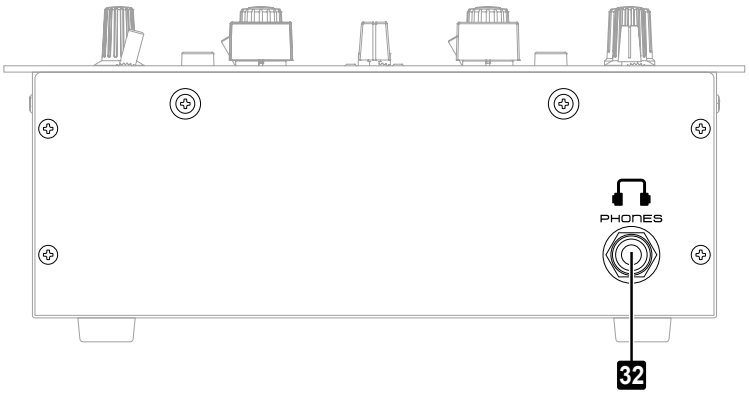
The RCA jacks send a low current unbalanced output signal. These jacks should only be used for shorter cable runs to signal processors or looping to another mixer.

31. Dc in

Use the included power adapter to connect the mixer to a power outlet. While the power is switched off, plug the power adapter into the mixer first, then plug the power adapter into a power outlet.

NOTE **: The mixer is designed to work with the included power adapter only. Using an incompatible power adapter could result in damage to the unit.**

FRONT PANEL



32. Headphones jack

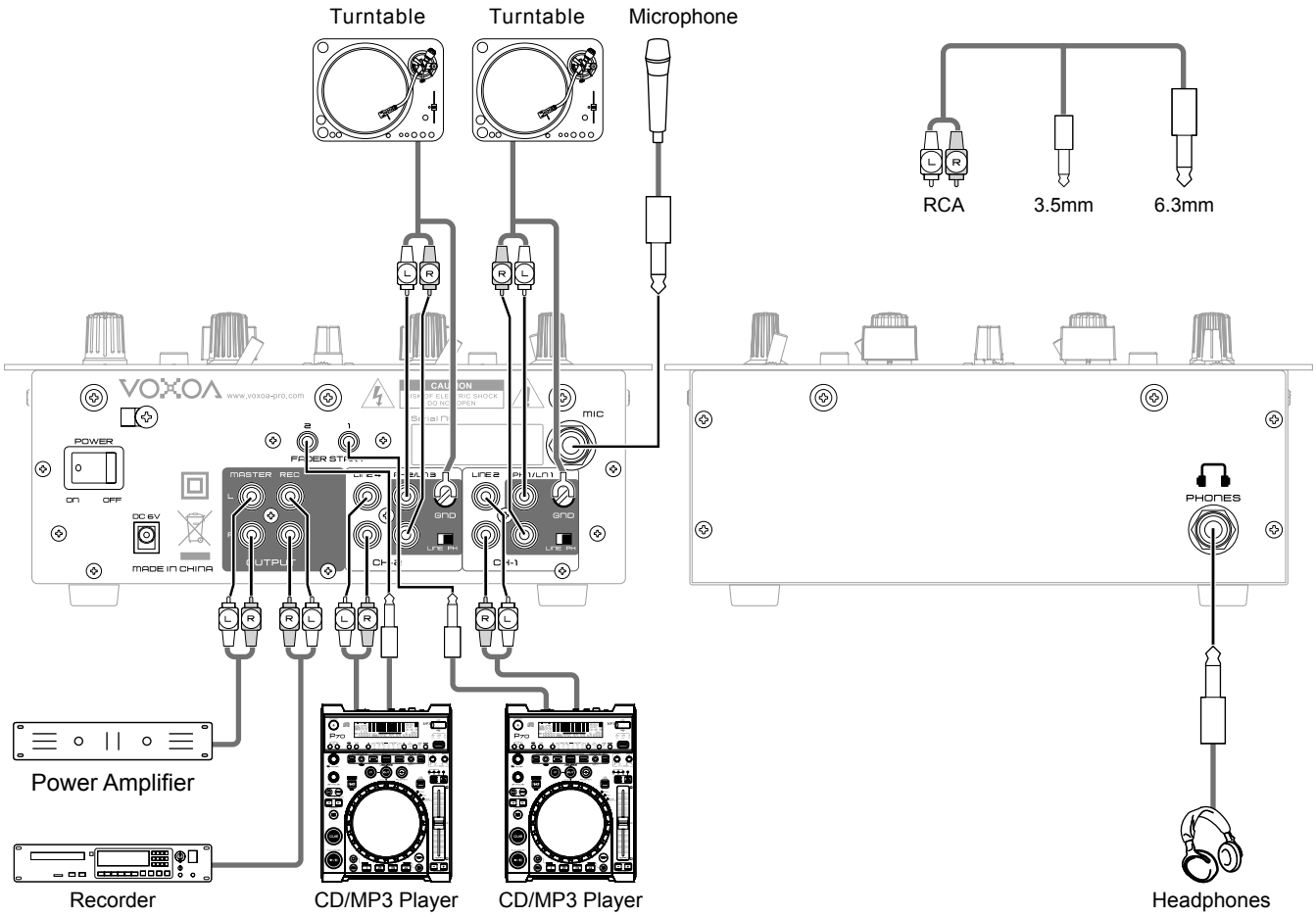
Used to connect your headphones to the mixer.

CONNECTIONS

1. Make certain power is off while making connections.
2. Quality cables make a big difference in fidelity and punch. Use high-quality, audio cables.
3. Do not use excessively long cables. Be sure plugs and jacks are securely fastened. Loose connections cause hum, noise, or intermittence that could damage your speakers.
4. Connect all stereo input sources. Then connect any effects into the stereo Effect, if used. Connect your Microphone(s) and monitor headphones. Make sure all faders are at “zero” and the unit is off. Take care to connect only one cable at a time. Pay attention to L and R position of jacks, on both the VOXOA M10 and outboard gear.
5. Connect the stereo outputs to the power amplifier(s) and/or tape deck(s) and/or MD recorder(s) and/or CD recorder(s).

CAUTION **: Always switch on your audio input sources such as CD players first, then your mixer, and finally any amplifiers. When turning off, always reverse this operation by turning off amplifiers, then your mixer, and then input units.**

CONNECTIONS



SPECIFICATIONS

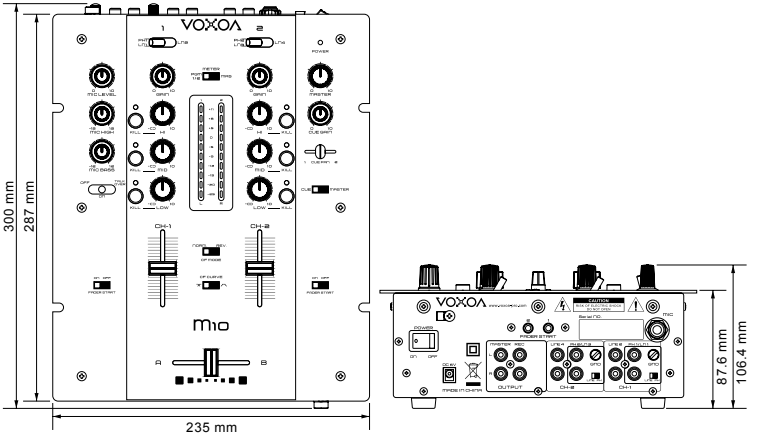
1.GENERAL SECTION

POWER SOURCE :
DC 6V, 2000mA

POWER CONSUMPTION :
12 Watts

DIMENSIONS :
235 (W) x287 (D) x 106.4 (H)mm

Weight :
3.09 kg



2. INPUT/OUTPUT IMPEDANCE & SENSITIVITY :

(MASTER 0dBV OUTPUT, LOAD=100KOHM, MAX. GAIN, EQ FLAT)

LINE :	10K OHM /-14dBV (200mV) +/-2dB
PHONO :	47K OHM /-50dBV (3.16mV) +/-2dB
MIC :	1.5K OHM /-54dBV (2mV) +/-2dB
MASTER :	1K OHM
PHONES (load=32 ohm)	33 OHM /0dBV (1V) +/-2dB

3. FREQUENCY RESPONSE : (MASTER OUTPUT, EQ FLAT)

LINE :	20 - 20KHz +/- 2dB.
PHONO :	20 - 20KHz +2/-3dB (RIAA)
MIC :	20 - 20KHz +2/-3dB

4. THD + N : (MASTER 0dBV OUTPUT, MAXIMUM GAIN, w/ 20kHz LPF)

LINE :	LESS THAN 0.05% 20 - 20KHz
PHONO :	LESS THAN 0.1% 20 - 20KHz (IEC-A WTD)
MIC :	LESS THAN 0.2% 20 - 20KHz (IEC-A WTD)
PHONES :	LESS THAN 0.1% 20 - 20KHz (FROM LINE INPUT)

5. MAXIMUM INPUT : (1KHz, MASTER OUTPUT, THD=1%, EQ FLAT, MAXIMUM GAIN)

LINE :	MORE THAN +4dBV
PHONO :	MORE THAN -32dBV
MIC :	MORE THAN -42dBV

SPECIFICATIONS

6. MAXIMUM OUTPUT : (THD=1%, MAXIMUM GAIN, EQ FLAT)

MASTER :	MORE THAN +18dBV (8.0V) at load=100K OHM
PHONES :	MORE THAN +4dBV (1.6V) at load=32 OHM
REC :	MASTER MAX OUTPUT -10+/- 2dB. at load=100K OHM

7. SN RATIO : (MAXIMUM GAIN, MASTER 0dBV OUTPUT, EQ FLAT, W/ 20KHz LPF, A-WEIGHTED)

LINE :	LESS THAN -80dBV
PHONO :	LESS THAN -70dBV
MIC :	LESS THAN -60dBV

8. CROSSTALK : (FROM MASTER OUTPUT, A-WEIGHTED)

LINE,PHONO :	MORE THAN 65dB AT 1K Hz BETWEEN L AND R. MORE THAN 65dB AT 1KHz BETWEEN CHANNELS.

9. MIC TALKOVER :

-14dB+/- 2dB.

10. EQ :

MIC :

HI:	12 +/- 2dB AT 10KHz
	-12 +/- 2dB AT 10KHz
LOW:	12 +/- 2dB AT 100Hz
	-12 +/- 2dB AT 100Hz

CHANNEL :

HI:	10 +/- 2dB AT 16KHz
	-21 +/- 3dB AT 16KHz
MID:	10 +/- 2dB AT 1KHz
	-22 +/- 3dB AT 1KHz
LOW:	10 +/- 2dB AT 60Hz
	-22 +/- 3dB AT 60Hz

KILL :

HI:	-21 +/- 3dB AT 16KHz
MID:	-22 +/- 3dB AT 1KHz
LOW:	-22 +/- 3dB AT 60Hz

11. FADER MAXIMUM ATTENUATION :

CHANNEL FADER :	LESS THAN -70dB at 1KHz
CROSSFADER :	LESS THAN -75dB at 1KHz

12. CHANNEL BALANCE :

Within 3dB

NOTES : Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

VOXOA

www.voxoa-pro.com

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